

# Chlorine free bleach



**ASSIGN  
BUSTER**

BLEACH WHAT IS BLEACH? It is a chemical used to remove or lighten colours.

Bleaching uses oxidation to remove/lighten the colour Bleaching may be a preliminary step in dyeing COMMON BLEACH CHEMICALS: - Sodium

hypochlorite - Chlorine bleach - Oxygen bleach (which contains hydrogen peroxide or peroxide-releasing compound such as sodium perborate or

sodium percarbonate. - Bleaching powder (is calcium hypochlorite TYPES OF

BLEACH: - Household bleach Is used in the home to whiten clothes, remove

stains, and disinfecting - Chlorine bleach Is used with laundry detergents and

is commonly used for disinfecting Hair Bleach Is used to lighten darker hair

to a lighter colour - Chlorine Dioxide Is used to bleach wood pulp, fats and

oils, cellulose, flour, textiles, beeswax and in a number of other industries -

Food Industry Is used for flour bleach and maturing agents ALTERNATIVES

DEVELOPED TO REDUCE THE IMPACT OF BLEACH: Seventh Generation

Chlorine Free Bleach - Colour safe - Non toxic - Biodegradable - Phosphate-

free - Safe for septic systems and is not tested on animals - Consists of

natural oxygen safe bleach, oxygen bleach stabilizer, deionized water.

Ecover Non-Chlorine Bleach No chlorine or optical brighteners - Completely

biodegradable - Not tested on animals - Approved by the Vegan Societ -

Consists of 100% percarbonate (composed of salt, limestone and oxygenated

water) Bi-O-Kleen Oxygen Bleach Plus - No chemical cold-water activators -

No optical brighteners - No metasilicates, borax or caustics - Chlorine and

Boring free Earth Friendly Oxo Brite Non-Chlorine Bleach - Sodium

percarbonate and sodium carbonate as ingredients - Free of enzymes,

phosphates, chlorine, DEA and petroleum ingredients IMPACTS ON THE

ENVIRONMENT: - Chlorine is a respiratory irritant It can attack the mucus

membranes and will burn the skin - Can be fatal after a few deep breaths -

<https://assignbuster.com/chlorine-free-bleach/>

Formation of acrid chloramines fumes when hypochlorite bleach comes into contact with ammonia or urine. It is not as dangerous as chlorine but it can cause severe respiratory distress - Toxic to fish and invertebrates - Can cause cancer to animals and humans - Can contribute to air pollution - Can cause short or long term respiratory irritation upon inhalation - Can contribute to problems with immune system, blood and heart - Chlorine bleach linked to ozone depletion - Can cause developmental/reproductive disorders